

(12) United States Design Patent (10) Patent No.:

Hasegawa

* cited by examiner

US D438,847 S

(45) Date of Patent: ** *Mar. 13, 2001

D. 353,370 * 12/1994 Ashmun et al. D14/114 D. 391,944 * 3/1998 Han D14/114 D. 395,641 * 6/1998 Gaete D14/114

(54)	CENTRALLY DISPOSED JOYSTICK FOR A CIRCULAR KEYPAD				
(75)	Inventor:	Yutaka Hasegawa, San Francisco, CA (US)			
(73)	Assignees:	Sony Corporation, Tokyo (JP), Sony Electronics Inc., Park Ridge, NJ (US)			
(*)	Notice:	This patent is subject to a terminal disclaimer.			
(**)	Term:	14 Years			
(21)	Appl. No.: 29/077,824				
(22)	Filed:	Oct. 14, 1997			
(51)	LOC (7) Cl 14-02				
(52)	U.S. Cl	D14/117.5			
	Field of Search				
• •	Γ	014/117.1–117.9; D13/158; D21/385, 333;			

	Agent, or Firm—Jay H. Maioli
(57)	CLAIM
The ornamenta	al design for a centrally disposed

Primary Examiner—M. H. Tung

The ornamental design for a centrally disposed joystick for a circular keypad, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, and right-side perspective view of a centrally disposed joystick for a circular keypad showing my new design, the broken line drawing of a circular keypad is for illustrative purposes only and forms no part of the claimed design;

FIG. 2 is a front elevational view thereof, the rear being a mirror image thereof;

FIG. 3 is a left-side elevational view thereof, the right side being a mirror image thereof; and

FIG. 4 is a top plan view thereof; and,

FIG. 5 is a bottom plan view thereof.

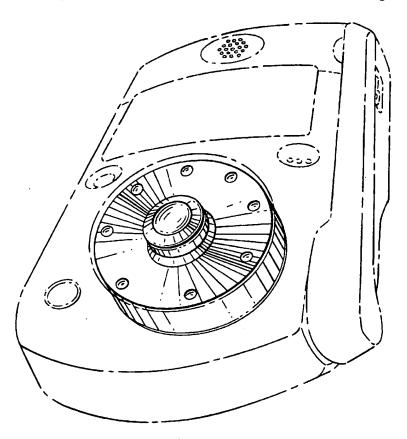
(56)References Cited

U.S. PATENT DOCUMENTS

D. 299,141	+	12/1988	Louis	D14/114
D. 300,324	*	3/1989	Akagi et al	D14/114

200/5 R, 5 A, 6 R, 6 A; 273/148 B; 345/156-67;

1 Claim, 2 Drawing Sheets

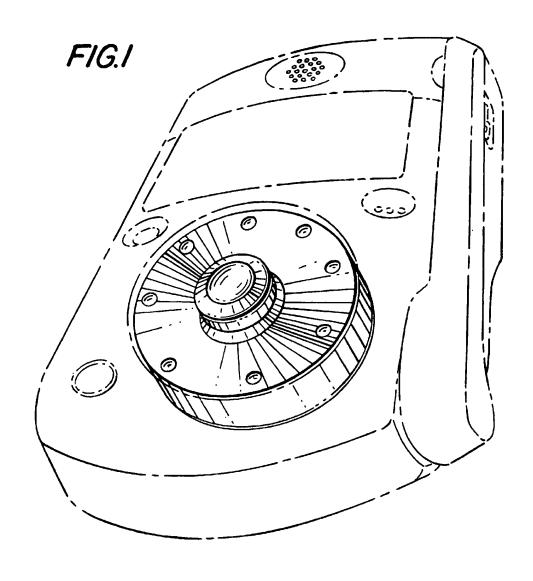


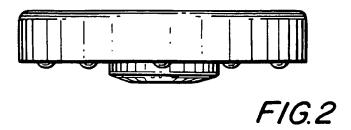
09/22/2003, EAST Version: 1.04.0000



U.S. Patent Mar. 13, 2001 Sheet 1 of 2

US D438,847 S





09/22/2003, EAST Version: 1.04.0000

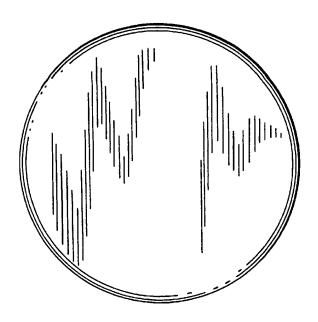
U.S. Patent

Mar. 13, 2001

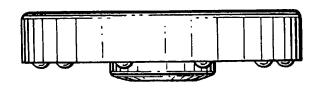
Sheet 2 of 2

US D438,847 S

F1G.5



F1G.4



F16.3

